

FUNt Constants

- $\phi = (1 + \sqrt{5})/2$ – golden ratio.
- $\phi^7 \approx 29.034$ – preferred scaling step for bands and cycles.
- $D \approx 1.20$ – characteristic Fractale dimension used as an exponent in scaling laws.
- Hydrogen H=0 Hydrogen Harmonic Resonance Bands.
- HRB/HTB lattice – harmonic/transition band architecture organizing allowed modes.
- 60° phase law ($\pi/3$) – preferred phase offset in many resonance and torque constructs.
- R_m – Resonance Inertia, an inertia-like constant defined on resonance rather than mass alone.

System Constants

- Proton lattice anchor – hydrogen/proton structure treated as the base grid of the universe.
- Electron buoyancy and magnetic-buoyant terms – how electrons occupy and respond to that lattice.

Model Numeric Parameters (Crucial FUNt Constants)

- 4.1 – HTB anchor constant: a named, dimensionless FUNt constant pinning the Harmonic/Transition Bands.
- 0.367 – inner excursion factor around 4.1.
- 3.733 – outer excursion factor around 4.1.

These parameters appear repeatedly and should be tracked explicitly; they are core to FUNt's band structure.